

Converting Colors

Hex(A8306A)

Have a look what the booklet for
Hex(A8306A) contains.

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Color

Hex(A8306A)

Conversions

Conversions Part 1

Format	Color
Hex	A8306A
RGB	168, 48, 106
RGB Percent	66%, 19%, 42%
CMY	0.3412, 0.8118, 0.5843
CMYK	0.00, 0.71, 0.37, 0.34
HSL	331°, 56%, 42%
HSV	331°, 71%, 66%
XYZ	19.8069, 11.4793, 14.8075
YIQ	90.4920, 52.9020, 43.4780

Conversions

Conversions Part 2

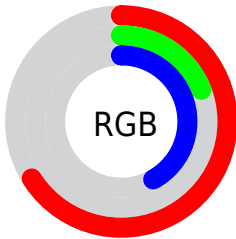
Format	Color
R _Y B	168, 48, 106
Decimal	11022442
CIE Lab	40.38, 53.43, -5.65
CIE LCh	40, 53.731, 353.965
Yxy	11.4793, 0.4297, 0.2490
Android (android.graphics.Color)	4289212522 (0xFFA8306A)
YUV	90.4920, 7.6454, 67.9745
Hunter-Lab	33.8812, 45.0589, -2.1953

Details

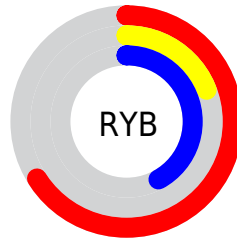
The Hex color **A8306A** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **30A86E**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **E3689D**, and **6F003B** is the 20% darker color. If you saturate the color by 10%, you get **A81F61**, and if you desaturate by 10%, it is **A84173**.

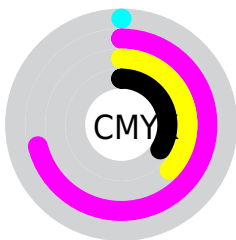
Distribution



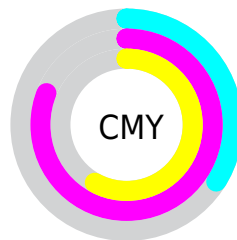
- Red (66%)
- Green (19%)
- Blue (42%)



- Red (66%)
- Yellow (19%)
- Blue (42%)



- Cyan (0%)
- Magenta (71%)
- Yellow (37%)
- Black (34%)



- Cyan (34%)
- Magenta (81%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color A8306A changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color A8306A by changing the saturation by 10% instead.

 A8306A

 A8306A

FFFFFF

 8B0C52

 E3689D

 6F003B

 FF83B8

 540025

 FF9FD4

 3B0010

 FFBBF0

 190001

 FFD8FF

 000000

 FFF5FF

 A8306A

 A8306A

 A81F61

 A84173

 A80E59

 A8527B

 A80051

 A86284

 A8738D

 A88495

 A8959E

 A8A6A7

 A8B6AF

 A8C7B8

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8B4294



A8306A



AB343E

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



A8306A



516700



0070A6

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



A8306A



30A86E

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



007382



A8306A



016F27

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



A8306A



7B5A00



007255



0067B7

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



A8306A



A24023



007255



00719C

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



A8306A



DBADC4



6E30A8



6E525F



EDEDED



6E6E6E

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



A8306A



DB1F7A



A83230



544C50



940047



14000A

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



A8306A



DB1F7A



30A6A8



544C50



940047



14000A

Previews

White Background



This preview shows how the Hex color A8306A looks on a white background.

Color Contrast Check

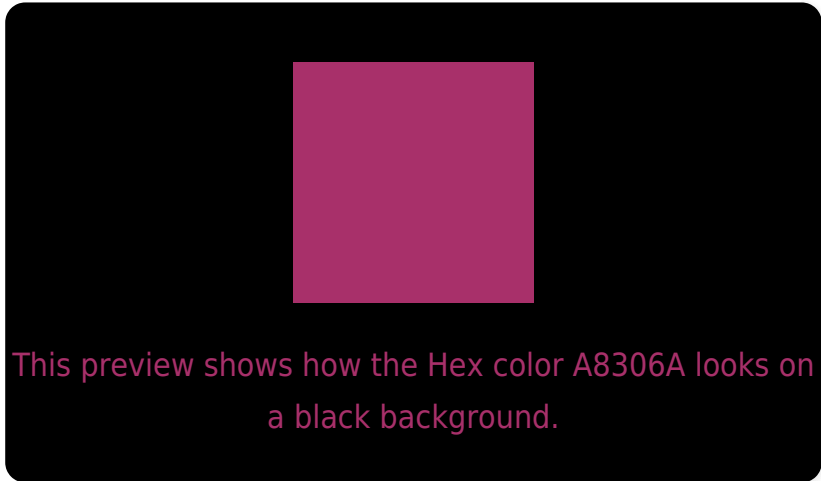
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

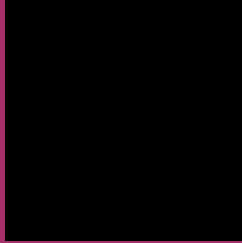
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex A8306A Background



This preview shows how black text looks on a background with the Hex color A8306A.

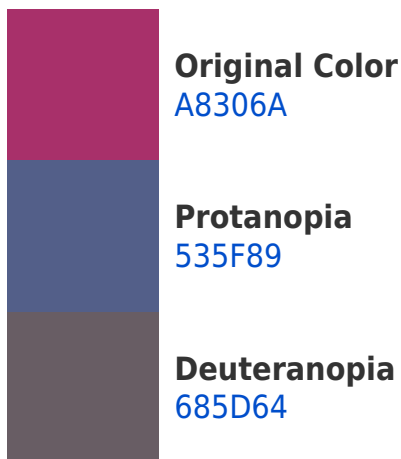


This preview shows how white text looks on a background with the Hex color A8306A.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
A53B3F

Trichromacy



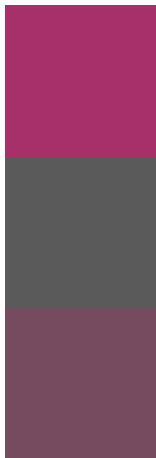
Original Color
A8306A

Protanomaly
724E7E

Deuteranomaly
7F4D66

Tritanomaly
A6374F

Monochromacy



Original Color
A8306A

Achromatopsia
5A5A5A

Achromatomaly
764B60

CSS Examples

Text

The CSS property to change the color of the text to Hex A8306A is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #A8306A looks like.

```
.text, #text, p{  
    color:#A8306A  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #A8306A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A8306A
}
```

Border

The CSS property to change the border of an element to Hex A8306A is called "border". The border property can be set on classes, ids or directly on the HTML element.

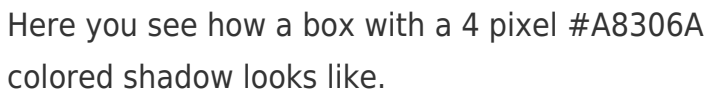
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A8306A }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#A8306A }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `#A8306A` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A8306A; -webkit-box-shadow:4px 4px  
4px 4px #A8306A; box-shadow:4px 4px 4px  
4px #A8306A }
```

Background

The CSS property to change the background color of an element to Hex A8306A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A8306A }
```

If only the background color should be changed can be used:

```
.background{ background-color:#A8306A }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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